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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/682,332	
	Filing Date	October 8, 2003	
	First Named Inventor	David L. SHELTON	
	Art Unit	1644	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	43 + 233 Refs.	Attorney Docket Number	514712000600

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address (1 page) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO-1449 (17 pages in duplicate) 2. Statement Under 37 CFR 3.73(b) w/copy of Assignment (4 pages total) 3. References (233) 4. Return receipt postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP Jie Zhou - 52,395 <div>(Customer No. 25226)</div>
Signature	<i>Jie Zhou</i>
Date	June 23, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: June 23, 2004	Signature: <i>Martina Placid</i> (Martina Placid)



PATENT
Docket No. 514712000600

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

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Martina Placid

Martina Placid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

David L. SHELTON et al.

Serial No.: 10/682,332

Filing Date: October 8, 2003

For: METHODS FOR TREATING PAIN BY
ADMINISTERING A NERVE GROWTH
FACTOR ANTAGONIST AND AN
OPIOID ANALGESIC AND
COMPOSITIONS CONTAINING THE
SAME

Examiner: Not Yet Assigned

Group Art Unit: 1644

INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith.

Copies of co-pending applications are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does

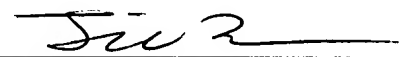
not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 514712000600. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 23, 2004

Respectfully submitted,

By:



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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 514712000600	Application Number 10/682,332
	Applicant David L SHELTON et al.	
	Filing Date October 8, 2003	Group Art Unit 1644
	Mailing Date June 23, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	10/08/2003	10/682,331	Shelton et al.			
	2.	10/08/2003	10/682,638	Shelton et al.			
	3.	12/24/2003	10/745,775	Pons et al.			
	4.	02/19/2004	10/783,730	Shelton et al.			
	5.	03/01/2004	10/791,162	Shelton et al.			
	6.	11/29/2001	2001/0046959	Buchovich et al.			
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	8.	11/20/1973	3,773,919	Boswell et al.			
	9.	11/27/1984	4,485,045	Regen			
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	24.	08/30/1994	5,342,942	Jaen et al.			
	25.	04/25/1995	5,409,944	Black et al.			
	26.	06/06/1995	5,422,120	Kim			

EXAMINER:

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 514712000600		Application Number 10/682,332	
				Applicant David L SHELTON et al.			
				Filing Date October 8, 2003		Group Art Unit 1644	
				Mailing Date June 23, 2004			

	27.	07/25/1995	5,436,265	Black et al.			
	28.	12/19/1995	5,475,995	Livingston			
	29.	03/19/1996	5,500,362	Robinson et al.			
	30.	04/23/1996	5,510,261	Goochee et al.			
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	33.	06/25/1996	5,530,101	Queen et al.			
	34.	07/16/1996	5,536,752	Ducharme et al.			
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	37.	08/27/1996	5,550,142	Ducharme et al.			
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	39.	10/15/1996	5,565,332	Hoogenboom et al.			
	40.	10/29/1996	5,569,825	Lonberg et al.			
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	54.	03/31/1998	5,733,743	Johnson et al.			
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PTO/SB/ 08 (2-92) pa- 882985	Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 514712000600	Application Number 10/682,332
	Applicant David L SHELTON et al.	
	Filing Date October 8, 2003	Group Art Unit 1644
	Mailing Date June 23, 2004	

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	73.	07/24/2001	6,265,150	Terstappen et al.			
	74.	09/18/2001	6,291,247	Riopelle et al.			
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	81.	08/20/2002	6,436,908	Koch et al.			
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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 514712000600

Application Number 10/682,332

Applicant

David L SHELTON et al.

Filing Date October 8, 2003

Group Art Unit 1644

Mailing Date June 23, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
	83.	12/06/1989	EP 0 345 242	Europe			Abstract	
	84.	12/23/1992	EP 0 519 596	Europe				
	85.	02/03/1993	EP 0 524 968	Europe				
	86.	08/10/1988	GB 2,200,651	Great Britain				
	87.	07/30/1987	WO 87/04462	WIPO				
	88.	10/05/1989	WO 89/09225	WIPO				
	89.	07/26/1990	WO 90/07936	WIPO				
	90.	10/04/1990	WO 90/11092	WIPO				
	91.	01/10/1991	WO 91/00360	WIPO				
	92.	03/07/1991	WO 91/02805	WIPO				
	93.	10/03/1991	WO 91/14445	WIPO				
	94.	11/26/1992	WO 92/20373	WIPO				
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	96.	04/01/1993	WO 93/06213	WIPO				
	97.	05/27/1993	WO 93/10218	WIPO				
	98.	06/10/1993	WO 93/11230	WIPO				
	99.	09/30/1993	WO 93/19191	WIPO			Abstract	
	100.	12/23/1993	WO 93/25234	WIPO				
	101.	12/23/1993	WO 93/25698	WIPO				
	102.	02/17/1994	WO 94/03622	WIPO				
	103.	03/03/1994	WO 94/04690	WIPO				
	104.	06/09/1994	WO 94/12649	WIPO				
	105.	10/27/1994	WO 94/23697	WIPO				
	106.	12/22/1994	WO 94/28938	WIPO				
	107.	01/05/1995	WO 95/00655	WIPO				
	108.	03/23/1995	WO 95/07994	WIPO				

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	Applicant David L SHELTON et al.	
	Filing Date October 8, 2003	Group Art Unit 1644
	Mailing Date June 23, 2004	

	109.	05/04/1995	WO 95/11984	WIPO				
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	112.	06/06/1996	WO 96/17072	WIPO				
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	115.	11/13/1997	WO 97/42338	WIPO				
	116.	02/12/1998	WO 98/06048	WIPO				
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	118.	10/21/1999	WO 99/53055	WIPO				
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	124.	04/26/2001	WO 01/29058	WIPO				
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	128.	02/28/2002	WO 02/15924	WIPO				
	129.	03/07/2002	WO 02/17914	WIPO				
	130.	03/14/2002	WO 02/20479	WIPO				
	131.	06/06/2002	WO 02/44321	WIPO				
	132.	12/05/2002	WO 02/96458	WIPO				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	133.	Adey, N.B. et al. (1996). "Preparation of Second-Generation Phage Libraries" Chapter 16 <i>In Phage Display of Peptides and Proteins: A Laboratory Manual</i> Kay, B.K. et al. eds. Academic Press, Inc.: San Diego, CA pp.277-291.

EXAMINER:	DATE CONSIDERED:
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		Applicant David L SHELTON et al.	
		Filing Date October 8, 2003	Group Art Unit 1644
		Mailing Date June 23, 2004	
	134.	Agrawal, S. et al. (1998). "Mixed Backbone Oligonucleotides: Improvement in Oligonucleotide-Induced Toxicity <i>In Vivo</i> ," <i>Antisense & Nucleic Acid Drug Development</i> 8:135-139.	
	135.	Aley, K.O. et al. (1996). "Delayed Sympathectomy After a Prolonged Hyperalgesia Results in a Subsequent Enhanced Acute Hyperalgesic Response," <i>Neuroscience</i> 71(4):1083-1090.	
	136.	Al-Lazikani, B. et al. (1997). "Standard Conformations for the Canonical Structures of Immunoglobulins," <i>J. Molec. Biol.</i> 273:927-948.	
	137.	Aloe, L. et al. (1992). "Nerve Growth Factor and Distribution of Mast Cells in the Synovium of Adult Rats," <i>Clin. Exp. Rheumatol.</i> 10:203-204.	
	138.	Aloe, L. et al. (1992). "Nerve Growth Factor in the Synovial Fluid of Patients with Chronic Arthritis," <i>Arch. Rheum.</i> 35(3):351-355.	
	139.	Aloe, L. et al. (1993). "Level of Nerve Growth Factor and Distribution of Mast Cells in the Synovium of Tumour Necrosis Factor Transgenic Arthritic Mice," <i>Int. J. Tissue Reactions</i> 15(4):139-143.	
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	141.	Amann, R. et al. (1996). "Intraplantar Injection of Nerve Growth Factor into the Rat Hind Paw: Local Adema and Effects on Thermal Nociceptive Threshold," <i>Pain</i> 64:323-329.	
	142.	Andreev, N.Y. et al. (1995). "Peripheral Administration of Nerve Growth Factor in the Adult Rat Produces a Thermal Hyperalgesia that Requires the Presence of Sympathetic Post-Ganglionic Neurones," <i>Pain</i> 63:109-115.	
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	144.	Armour, K. L. et al. (1999). "Recombinant Human IgG Molecules Lacking Fcγ Receptor I Binding and Monocyte Triggering Activities," <i>Eur. J. Immunol.</i> 29:2613-2624.	
	145.	Balint, R. F. et al. (1993). "Antibody Engineering By Parsimonious Mutagenesis," <i>Gene</i> 137:109-118.	
	146.	Bird, R.E. et al. (1988). "Single-Chain Antigen-Binding Proteins," <i>Science</i> 242:423-426.	
	147.	Bischoff, S.C. et al. (1992). "Effect of Nerve Growth Factor on the Release of Inflammatory Mediators by Mature Human Basophils," <i>Blood</i> 79(10):2662-2669.	
	148.	Boerner, P. et al. (1991). "Production of Antigen-Specific Human Monoclonal Antibodies From In Vitro-Primed Human Splenocytes," <i>J. Immunol.</i> 147(1):86-95.	
	149.	Boettger, M.K. et al. (2002). "Calcium-Activated Potassium Channel SK1- and IK1-like Immunoreactivity in Injured Human Sensory Neurones and its Regulation by Neurotrophic Factors," <i>Brain</i> 125:252-263.	
	150.	Borsani, G. et al. (1990). "cDNA Sequence of Human β-NGF," <i>Nuc. Acids Res.</i> 18(13):4020.	
EXAMINER:		DATE CONSIDERED:	
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PTO/SB/ 08 (2-92) pa- 882985		Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE	

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 514712000600	Application Number 10/682,332
	Applicant David L SHELTON et al.	
	Filing Date October 8, 2003	Group Art Unit 1644
	Mailing Date June 23, 2004	

151.	Boyd, P.N. et al. (1996). "The Effect of the Removal of Sialic Acid, Galactose and Total Carbohydrate on the Functional Activity of Campath-1H," <i>Mol. Immunol.</i> 32(17/18):1311-1318.
152.	Bracci Laudiero, L. et al. (1992). "Multiple Sclerosis Patients Express Increased Levels of β -Nerve Growth Factor in Cerebrospinal Fluid," <i>Neurosci Lett.</i> 147:9-12.
153.	Bracci-Laudiero, L. et al. (1993). "Increased Levels of NGF in Sera of Systemic Lupus Erythematosus Patients," <i>Neuroreport</i> 4(5):563-565.
154.	Braun, A. et al. (1998). "Role of Nerve Growth Factor in a Mouse Model of Allergic Airway Inflammation and Asthma," <i>Eur. J. Immunol.</i> 28:3240-3251.
155.	Brennan, T.J. et al. (1996). "Characterization of a Rat Model of Incisional Pain," <i>Pain</i> 64:493-501.
156.	Brennan, T.J. et al. (1998). "Role of Nerve Growth Factor in a Rat Model for Postoperative Pain," <i>Society for Neuroscience Abstracts</i> 28th Annual Meeting, Los Angeles, CA, November 7-12, 1998, 24(1):880. Abstract No. 349.4.
157.	Brown, B.A. et al. (1987). "Tumor-Specific Genetically Engineered Murine/Human Chimeric Monoclonal Antibody," <i>Cancer Res.</i> 47:3577-3583.
158.	Buchman, V.L. et al. (1993). "Different Neurotrophins are Expressed and Act in a Developmental Sequence to Promote the Survival of Embryonic Sensory Neurons," <i>Development</i> 118:989-1001.
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